

AERO 25





302002328 - 2008-05-21



## **ENGLISH - Operating Instructions**

## Important safety instructions

Before using the vacuum cleaner, always read the operating instructions and keep them readily available.

#### Purpose and intended use

The vacuum cleaners described in this operating manual are suitable for

- for private use, e.g. for household, hobby workshop, car cleaning
- sucking up dust and liquids

♠ The following materials should not be picked up by the vacuum cleaner

- hazardous dust
- hot materials (burning cigarettes, hot ash, etc.)
- flammable, explosive, aggressive liquids (e.g. petrol, solvents, acids, alkalis, etc.)
- flammable, explosive dust (e.g. magnesium or aluminium dust, etc.)

## Before start-up

Ensure that the voltage shown on the rating plate corresponds to the voltage of the local mains power supply. It is recommended that the vacuum cleaner should be connected via a residual current circuit breaker.

Inspect power cord regularly to detect signs of damage, e.g. cracks or ageing. If the power cord is damaged, it must be replaced by Nilfisk Service or an electrician to avoid danger before use of the vacuum cleaner is continued. Never use the vacuum cleaner if the filter is damaged.

#### Picking up liquids

Before liquids are picked up, always remove the filter bag. Insert filter for wet operation. Check that the float works properly. If foam develops or liquid emerges, stop work immediately and empty the dirt tank.

## (a) Cleaning the filter element

If suction performance drops:

- 1. Switching on the vacuum cleaner.
- 2. Close the nozzles or suction hose opening with the palm of your hand.
- Press the button to start filter cleaning three times. The resulting stream of air removes attached dust from the slats of the filter elements.

## Connecting electrical appliances

Use the socket on the vacuum cleaner for the purpose defined in the operating instructions only.

Before plugging an appliance into the appliance socket:

- 1. Switch off the vacuum cleaner.
- 2. Switch off the appliance to be connected.

CAUTION! Follow the operating instructions and safety instructions for appliances connected to the power tool socket.

### (a) Maintenance, cleaning and repair

Never spray water on to the upper section of the vacuum cleaner. Danger for persons, risk or short-circuiting.

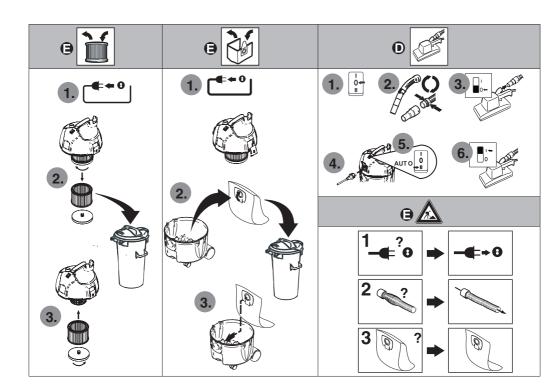
## Recycling the vacuum cleaner

As specified in European Directive 2002/96/EC on old electrical and electronic appliances, used electrical goods must be collected separately and recycled ecologically. Contact your local authorities or your nearest dealer for further information.

#### Guarantee

Our general conditions of business are applicable with regard to the guarantee. Subject to change as a result of technical Altos.

	20-01	20-01 INOX	20-11	20-21	20-21 INOX	25-01	25-11	25-21
U/f = 110V/50Hz	(GB)							
U/f = 100V/50-60Hz	(JP)							(JP)
U/f = 230V/50Hz	(EU,ZA,GB)	(EU,ZA)	(EU,DK,CH)	(EU,DK)	(FR)	(ZA,GB)	(EU)	(EU,DK, CH,GB)
U/f = 240V/50Hz S =W	-	-	(AU) 3000 (EU) 2300 (DK, CH) 2400 (AU)	3000 (EU) 2300 (DK)	3000	-	3000	(AU) 3000 (EU,GI 2300 (DK,CI 2400 (AU) 1500 (JP)
P <sub>IEC</sub> =W	1100 (EU,GB,JP) 1200 (ZA)	1100 (EU) 1200 (ZA)	1100 (EU,DK, CH,AU)	1100 (EU,DK)	1100	1200 (ZA,GB)	1200	1200
P <sub>MAX</sub> =W	1300 (EU,GB,JP) 1500 (ZA)	1300 (EU) 1500 (ZA)	1300 (EU,DK, CH,AU)	1300 (EU,DK)	1300	1500 (ZA) 1400 (GB)	1400	1400
IP				>	(4			
	•	•	•	•	•	•	•	•
63990	•	•	•	•	•	•	•	•
5146	•	•	•	•	•	•	•	•
29541	•	•	•	•	•	•	•	•
14295	•	•	•	•	•	•	•	•
302002356	(GB)		•	•	•	(GB)	•	•
Ø	●1,9 m 302002363	1,9 m 302002363 (ZA) 3,5 m 302002364	● 1,9 m 302002363	● 2,5 m 302002355	● 1,9 m 302002363	● 2,5 m 302002355	●2,5 m 302002355	●2,5 m 302002358
	● (EU) Plastic 40969 ● (GB) Alu 30200478	● (EU) Plastic 40969  ● (ZA) Alu 30200478	Plastic 40969	Alu 30200478	Plastic 40969	Alu 30200478	Alu 30200478	Alu 30200478
302002331	•	● (EU)	•		•			
302002365		● (ZA)		•		•	•	•
302002407						● (GB)	•	•





## EC declaration of conformity

Nilfisk-ALTO Deutschland GmbH Guido-Oberdorfer-Straße 2-8 D-89287 Bellenberg www.nilfisk-alto.com

Vacuum cleaner for wet and dry operation AERO 20/25

230-240 V~, 50/60 Hz

The design of the appliance corresponds to the following pertinent regulations:

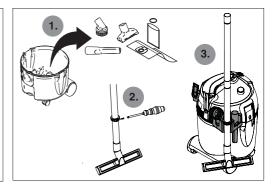
EC Machine Directive 98/37/EC EC Low Voltage Directive 73/23/EC EC EMC Directive 2004/108/EC

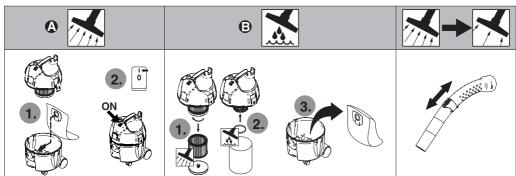
Applied harmonized standards: EN 12100-1, EN 12100-2, EN 60335-1, EN 60335-2-2, EN 55014-1, EN 55014-2, EN 61000-3-2

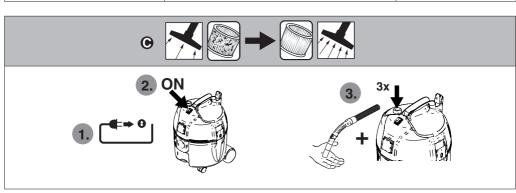
Applied national standards and technical specifications:

W Or company Dipl.-Ing. Wolfgang Nieuwkamp Tests and approvals DIN EN 60335-1, DIN EN 60335-2-2

Bellenberg, 2007-01-02









Why Compromise

http://www.nilfisk-alto.com

#### HEADOLIARTER

### DENMARK

Nilfisk-Advance Group Sognevej 25 2605 Brøndby Denmark Tel.: (+45) 43 23 81 00 Fax: (+45) 43 43 77 00 E-mail: mail@nilfisk-advance.dk

#### SALES COMPANIES

#### AUSTRALIA

Nilfisk-ALTO 48 Egerton St. PO hox 6046 Silverwater NSW 2128 Australia

Tel.: (+61) 2 8748 5966 Fax: (+61) 2 8748 5960

## ALISTRIA

Nilfisk-Advance GmbH Nilfisk-ALTO Metzgerstrasse 68 A-5101 Bergheim bei Salzburg Tel.: (+43) 662 456 400-0 Fax: (+43) 662 456 400-34 E-mail: info@nilfisk-alto.at Web: http://www.nilfisk-alto.at

#### BELGIUM Nilfisk-ALTO

Division of Nilfisk-Advance n.v-s.a. Doornveld/Sphere Business Park Industrie Asse 3, nr 11 - bus 41 1731 Zellik-Asse Belaium

Tel.: (+32) 02 467 60 50 Fax: (+32) 02 466 61 50 E-mail: info.be@nilfisk-alto.com

Clarke Canada Part of the Nilfisk-Advance Group 4080 B Sladeview Crescent, Unit 1 Mississauga, Ontario L5L 5Y5 Canada Tel.: (+1) 905 569 0266

Fax: (+1) 905 569 8586

#### CZECH REPUBLIC

ALTO Ceskà republika s.r.o. Zateckých 9 14000 Praha 4 Czech Republic Tel.: (+420) 24 14 08 419 Fax: (+420) 24 14 08 439 E-mail: info@alto-cz.com

#### DENMARK Nilfisk-ALTO

Division of Nilfisk-Advance A/S Industrivej 1 9560 Hadsund Denmark Tel.: (+45) 72 18 21 00 Fax: (+45) 72 18 21 11 E-mail: salg@nilfisk-alto.dk E-mail: service@nilfisk-alto.dk Web: http://www.nilfisk-alto.dk

Nilfisk-ALTO Food Division Division of Nilfisk-Advance A/S Blytækkervej 2, 9000 Aalborg Denmark

Tel.: (+45) 72 18 21 00 Fax: (+45) 72 18 20 99

E-mail: scanio.technology@nilfisk-alto.dk Web: http://www.nilfisk-alto.com

## FINLAND

Nilfisk-Advance Oy Ab Piisnantilankuja 4 FI-02240 Espoo Finland

Tel.: (+358) 207 890 600 Fax: (+358) 207 890 601

E-mail: iukka.lehtonen@nilfisk-alto.com Web: http://www.nilfisk-advance.fi

#### FRANCE

Nilfisk-ALTO ALTO France SAS Aéroparc 1 . 19 rue Icare 67960 Entzheim

France Tel.: (+33) 3 88 28 84 00 Fax: (+33) 3 88 30 05 00 E-mail: info@nilfisk-alto.fr Web: http://www.nilfisk-alto.com

#### GERMANY

Nilfisk-ALTO Division of Nilfisk-Advance AG Guido-Oberdorfer-Str. 10 89287 Bellenberg Germany Tel.: (+49) (0) 180 5 37 37 37 Fax: (+49) (0) 180 5 37 37 38

E-mail: info@nilfisk-alto.de

Web: http://www.nilfisk-alto.de

Nilfisk-Advance SA 8 Thoukididou str 164 52 Argiroupolis Greece

Tel.: (+30) 210 96 33443 Fax: (+30) 210 96 52187 E-mail: nilfisk-advance@clean.gr

#### HOLI AND

Nilfisk-Al TO Division of Nilfisk-Advance BV Camerastraat 9 NL-1322 BB Almere Tel.: (+31) 36 5460 760 Fax: (+31) 36 5460 761 E-mail: info@nilfisk-alto.nl Web: http://www.nilfisk-alto.nl

## HONG KONG

Nilfisk-Advance Ltd. 2001 HK Worsted Mills Ind'l Bldg., 31-39 Wo Tong Tsui St. Kwai Chung, Hong Kong Tel.: (+852) 2427 5951 Fax: (+852) 2487 5828

## HUNGARY

Nilfisk-Advance Kereskedelmi Kft. II. Rákóczi Ferenc út 10 2310 Szigetszentmiklos-Lakihegy Hungary Tel.: (+36) 24 475 550 Fax: (+36) 24 475 551 E-mail: info@nilfisk-advance.hu Sales: ertekesites@nilfisk-advance.hu Service: service@nilfisk-advance.hu Web: http://www.nilfisk-advance.hu

### ITALY

Nilfisk-ALTO Divisione di Nilfisk-Advance A/S Località Novella Terza 26862 Guardamiglio (LO) Italy E-mail: d.puglia@nilfisk-advance.it

Nilfisk-Advance, Inc. 1-6-6 Kita-shinyokohama, Kouhoku-ku, Yokohama, 223-0059 Japan Tel.: (+81) 45 548 2571 Fax: (+81) 45 548 2541

## MALAYSIA

Nilfisk-Advance Sdn Bhd Sd 14. Jalan KIP 11 Taman Perindustrian KIP Sri Damansara 52200 Kuala Lumpur Malaysia

Tel.: (+60) 3 603 6275 3120 Fax: (+60) 3 603 6274 6318

Nilfisk-Advance AS Biørnerudveien 24 1266 Oslo Norway Tel.: (+47) 22 75 17 70 Fax: (+47) 22 75 17 71

E-mail: info@nilfisk-alto.no Web: http://www.nilfisk-alto.no

### PEOPLE'S REPUBLIC OF CHINA

Nilfisk-Advance (Shenzhen) Ltd Block 3. Unit 130. 1001 Honghua Road Int. Commercial & Trade Center Fuitian Free Trade Zone 518038 Shenzhen P.R. China Tel.: (+86) 755 8359 7937 Fax: (+86) 755 8359 1063

### **POLAND**

Nilfisk-Advance Sp. Z.O.O. 05-800 Pruszków ul. 3-go MAJA 8 Poland Tel.: (+48) 22 738 37 50 Fax: (+48) 22 738 37 51

info@nilfisk-alto.pl Web: http://www.nilfisk-alto.pl

#### PORTUGAL

Nilfisk-ALTO Division of Nilfisk-Advance Lda Sintra Business Park Zona Industrial da Abrunheira Edificio 1. 1° A P-2710-089 Sintra Tel.: (+35) 808 200 537 Fax: (+35) 121 911 2679 E-mail: mkt@nilfisk-advance.es Web: http://www.nilfisk-alto.com

#### RUSSIA Nilfisk-Advance LLC

127015 Moskow Vvatskava str. 27. bld. 7 Russia Tel.: (+7) 495 783 96 02 Fax: (+7) 495 783 96 03 E-mail: info@nilfisk-advance.ru

### SINGAPORE

Nilfisk-Advance Pte. Ltd. Nilfisk-ALTO Division 40 Loyang Drive Singapore 508961 Tel.: (+65) 6 759 9100 Fax: (+65) 6 759 9133 E-mail: sales@nilfisk-advance.com.sq

Nilfisk-ALTO Division of Nilfisk-Advance S.A. Torre D'Ara Paseo del Rengle, 5 Pl. 10 E-08302 Mataró Tel.: (+34) 902 200 201 Fax: (+34) 93 757 8020 E-mail: mkt@nilfisk-advance.es Web: http://www.nilfisk-alto.com

## SWEDEN

ALTO Sverige AB Member of Nilfisk-Advance Group Aminogatan 18, Box 4029 S-431 04 Mölndal Sweden Tel.: (+46) 31 706 73 00 Fax: (+46) 31 706 73 40 E-mail: info@nilfisk-alto.se

Web: http://www.nilfisk-alto.se

## TAIWAN

Nilfisk-Advance Taiwan Branch No. 5. Wan Fang Road Tainei Taiwan, R.O.C. Tel.: (+886) 227 002 268 Fax: (+886) 227 840 843

#### THAII AND

Nilfisk-Advance Co. Ltd. 89 Soi Chokechai-Ruammitr Viphavadee-Rangsit Road Ladyao, Jatuchak, Bangkok 10900 Thailand Tel.: (+66) 2 275 5630

Fax: (+66) 2 691 4079

Nilfisk-Advance Profesyonel Temizlik Ekipmanları Tic. AŞ. Necla Cad. Nl.: 48 Yenisahra /Kadiköv Istanbul Turkey Tel.: (+90) 216 470 08 – 60 Fax: (+90) 216 470 08 - 63 Web: http://www.nilfisk-advance.com

### UNITED KINGDOM

Nilfiek-ALTO Division of Nilfisk-Advance Ltd. Bowerbank Way Gilwilly Industrial Estate Penrith Cumbria CA11 9BQ Great Britain Tel.: (+44) (0) 1768 868995 Fax: (+44) (0) 1768 864713 E-mail: sales@nilfisk-alto.co.uk Web: http://www.nilfisk-alto.co.uk

Nilfisk-Advance Representative Office No. 46 Doc Ngu Str. Ba Dinh Dist. Hanoi SR. Vietnam Tel.: (+84) 4 761 5642 Fax: (+84) 4 761 5643 E-mail: nilfisk@vnn.vn

# Nilfisk-Advance Inc.

14600 21.st Avenue North Plymouth , MN 55447-3408 UŚA Tel.: (+1) 763 745 3500 Fax: (+1) 763 745 3718 E-mail: info@advance-us.com Web: http://www.advance-us.com